

**Amendments to the Claims:**

The following listing of claims replaces all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-12 (canceled).

Claim 13 (currently amended): A method of manufacturing an optical-quality polarized part comprising:

forming a high impact polyurethane-based optical construct utilizing by admitting a liquid-phase polymeric material into a mold cavity, wherein the mold cavity is defined in part by a sidefill gasket including one or more inlet port holes for admitting the liquid-phase polymeric material into the mold cavity and further including an adjacent reservoir for supplying additional liquid-phase polymeric material into the mold cavity via the one or more inlet port holes as the admitted material shrinks during cure; and

bonding a polarizer to the optical construct.

Claim 14 (currently amended): A method of manufacturing an optical-quality polarized part according to claim 13 wherein the ~~optical construct is formed by placing step of admitting~~ liquid-phase polymeric material ~~about~~ into the mold cavity includes admitting such material onto one side of the polarizer.

Claim 15 (currently amended): A method of manufacturing an optical-quality polarized part according to claim 13 wherein the ~~optical construct is formed by placing step of admitting~~ liquid-phase polymeric material ~~about each side~~ into the mold cavity includes admitting such material onto both sides of the polarizer.

Claim 16 (currently amended): A method of manufacturing an optical-quality polarized part according to claim 15 wherein the step of admitting liquid-phase polymeric material is ~~placeed~~ into the mold cavity includes admitting such material simultaneously ~~about each side~~ onto both sides of the polarizer.

Claim 17 (currently amended): A method of manufacturing an optical-quality polarized part according to claim 13 wherein the step of bonding the polarizer is bonded to the optical construct occurs after the step of forming the optical construct has been formed.

Claim 18 (original): A method of manufacturing an optical-quality polarized part according to claim 13 wherein the polarizer comprises a polyethylene terephthalate film.

Claim 19 (currently amended): A method of manufacturing an optical-quality polarized part according to claim 13 wherein:

the sidefill gasket has sidefill ports for admitting liquid-phase polymeric material via the sidefill ports onto further includes one or more vent holes; and

the step of forming includes venting gas and/or excess liquid-phase polymeric material from at least one side of the polarizer via the one or more vent holes.

Claim 20 (original): A method of manufacturing an optical-quality polarized part according to claim 13 wherein the optical construct is a lens formed with the polarizer at or near a front surface of the lens.

Claim 21 (original): A method of manufacturing an optical-quality polarized part according to claim 13 further comprising the step of treating the polarizer for integral bonding to the optical construct.

Claim 22 (original): A method of manufacturing an optical-quality polarized part according to claim 19 further comprising the step of treating the polarizer for integral bonding to the optical construct.

Claim 23 (currently amended): A method of manufacturing a polarized lens comprising:

positioning a polarizer within a mold cavity that is defined in part by a sidefill gasket including one or more inlet port holes and an adjacent reservoir; and

forming a high-impact, polyurethane-based optical construct by admitting a liquid-phase high-impact polyurethane-based optical polymeric material into the mold cavity via the one or more inlet port holes, the reservoir thereafter supplying additional liquid-phase polymeric

material into the mold cavity via the one or more inlet port holes as the previously admitted material shrinks during cure; and

forming wherein the method forms a solid polarized lens with the polarizer at or near a front surface of the lens[.];

and wherein the polarizer comprises a polyethylene terephthalate film.

Claim 24 (currently amended): A method of manufacturing a polarized lens according to claim 23 wherein;

the polarizer is positioned within the mold cavity via a sidefill gasket further includes one or more vent holes; and

the step of forming includes venting gas and/or excess liquid-phase polymeric material from at least one side of the polarizer via the one or more vent holes.

Claim 25 (currently amended): A method of manufacturing a polarized lens according to claim 23 further comprising treating the surface of the polarizer for a step of applying a hard coating thereon and applying the hard coating to the film to the surface of the polarizer.

Claim 26 (currently amended): A method of manufacturing a polarized lens according to claim 23 further comprising a step of treating the surface of the polarizer for integral bonding to the lens.

Claim 27 (currently amended): A method of manufacturing a polarized lens comprising:

positioning a polarizer within a mold cavity that is defined in part by a sidefill gasket including one or more inlet port holes and an adjacent reservoir; and

forming a high-impact, polyurethane-based optical construct by admitting a liquid-phase high-impact polyurethane-based optical polymeric material into the mold cavity via the one or more inlet port holes, the reservoir thereafter supplying additional liquid-phase polymeric material into the mold cavity via the one or more inlet port holes as the previously admitted material shrinks during cure; and

forming wherein the method forms a solid polarized lens with the polarizer at or near a front surface of the lens[.];

and wherein the polarizer comprises a wafer.

Claim 28 (currently amended): A method of manufacturing a polarized lens according to claim 27 wherein:

the polarizer is positioned within the mold cavity via a sidefill gasket further includes one or more vent holes; and

the method further includes a step of venting gas and/or excess liquid-phase polymeric material from at least one side of the polarizer via the one or more vent holes.

Claim 29 (currently amended): A method of manufacturing a polarized lens according to claim 27 further comprising treating the surface of the polarizer for thereon and applying the hard coating to the film a step of applying a hard coating to the surface of the polarizer.

Claim 30 (currently amended): A method of manufacturing a polarized lens according to claim 27 further comprising a step of treating the surface of the polarizer for integral bonding to the lens.

Claim 31 (new): A method of manufacturing an optical-quality polarized part according to claim 13 wherein:

the one or more inlet port holes of the sidefill gasket include a plurality of inlet port holes; and

the step of admitting liquid-phase polymeric material into the mold cavity includes admitting such material via the plurality of inlet port holes onto both sides of the polarizer.

Claim 32 (new): A method of manufacturing a polarized lens according to claim 27 wherein:

the one or more inlet port holes of the sidefill gasket include a plurality of inlet port holes; and

the step of admitting liquid-phase polymeric material into the mold cavity includes admitting such material via the plurality of inlet port holes onto both sides of the polarizer.